

Computing/E-Safety Subject Map

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Rec	<p>Technology and computational thinking are part of our continuous provision through iPads, Interactive Whiteboards, roleplay, Busy Things, Beebots, etc. Children learn about e-safety and how to use technology safely. As the year progresses, children are introduced to the use of PCs and using a mouse.</p>					
Year 1	Computing systems and networks – Technology around us	Creating media – Digital painting	Programming A – Moving a robot	Data and information – Grouping data	Creating media – Digital writing	Programming B - Programming animations
Year 2	Computing systems and networks – IT around us	Creating media – Digital photography	Programming A – Robot algorithms	Data and information – Pictograms	Creating media - Digital music	Programming B - Programming quizzes
Year 3	Computing systems and networks – Connecting computers	Creating media - Stop-frame animation	Programming A - Sequencing sounds	Data and information – Branching databases	Creating media – Desktop publishing	Programming B - Events and actions in programs
Year 4	Creating media – Desktop publishing	Computing systems and networks – The Internet	Programming A – Repetition in shapes	Data and information – Data logging	Creating media – Photo editing	Computing systems and networks - Systems and searching
Year 5	Computing systems and networks - Systems and searching	Creating media - Video production	Programming A – Selection in physical computing	Data and information – Flat-file databases	Creating media – Introduction to vector graphics	Programming B – Selection in quizzes
Year 6	Computing systems and networks - Communication and collaboration	Creating media – Web page creation	Programming A – Variables in games	Data and information – Spreadsheets	Creating media – 3D Modelling	Programming B - Sensing movement
Whole school E-safety	Self-image and Identity	Online Relationships	Online Reputation	Online Bullying	Managing Online Information	Privacy and Security